



# Math 1552, Integral Calculus

## Summer 2021

**Instructor:** Maxie D. Schmidt

**Lecture:** MWF 11:00am – 12:15pm (BlueJeans link at <https://bluejeans.com/316778686/8893>)

**Email:** [mschmidt34@gatech.edu](mailto:mschmidt34@gatech.edu)

**Office Hours:** MW from 3-4PM, on BlueJeans video chat at <https://bluejeans.com/551825437>, or by appointment (email to arrange).

### Studios & Teaching assistants

**1552 A01:** Biraj Dahal; TR 11:00am – 12:15pm; Skiles 311.

Studio link: BlueJeans chat link: <https://bluejeans.com/408247574/8893>;

Email: [bdahal@gatech.edu](mailto:bdahal@gatech.edu)

Office hour: TBD (check Canvas for times and virtual links to attend)

**1552 A02:** Mollene Denton; TR 11:00am – 12:15pm; Clough Commons 129.

Studio link: BlueJeans chat link: <https://bluejeans.com/394268533/8893>;

Email: [mollene@gatech.edu](mailto:mollene@gatech.edu)

Office hour: TBD (check Canvas for times and virtual links to attend)

Welcome to **Integral Calculus**! This is a **synchronous** course designed to introduce you to the fundamental concepts of integration and infinite series. All of our students play an important role in our educational mission. We hope that you will find this to be a useful, fundamental course for your future studies.

### Statement of intent for inclusivity

As a member of the Georgia Tech community, I am committed to creating a learning environment in which all of my students feel safe and included. Because we are individuals with varying needs, I am reliant on your feedback to achieve this goal. To that end, I invite you to enter into dialogue with me about the things I can stop, start, and continue doing to make my classroom an environment in which every student feels valued and can engage actively in our learning community.

**Please note:** Items on the syllabus and course schedule are subject to change. Any changes to the syllabus and/or course schedule will be relayed to the students in class, via an announcement on Canvas, and via email.

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# 1 Course Description

## 1.1 Textbook

Thomas, *Calculus: Early Transcendentals*, 14th ed.  
We will discuss topics in chapters 4.8, 5, 6, 8, and 10.

## 1.2 Required websites

- Course information: <http://canvas.gatech.edu>.
- Textbook & Homework Access: <http://www.mymathlab.com>. Accessible through Canvas. See Section 3.3 for more details.
- Lectures, studios, and office hours: <https://gatech.bluejeans.com> (links accessible through Canvas).

## 1.3 Course organization & BlueJeans links

This course will consist of synchronous lectures and studios. You are required to attend all scheduled sessions at all times. Links to lectures, studios, office hours, and extra review sessions will be available in Canvas, under Pages/View All Pages. The synchronous lectures and videos will be recorded and posted on the Canvas course page. All students are expected to attend the lectures synchronously (in realtime, as they are scheduled).

Please note that as the course this summer is listed as hybrid, we will hold at least one in person review session for students to prepare for their exams (times TBD). Any review materials we distribute to students at the review sessions will be made available on Canvas.

## 1.4 Learning objectives

- You will understand the geometric concept of a definite integral and learn how to approximate the integral using Riemann sums.
- You will be able to evaluate indefinite and definite integrals algebraically using various integration techniques, including substitution, integration by parts, trigonometric substitution, trigonometric identities, and partial fractions.
- You will apply the idea of convergence to improper integrals and infinite series.
- Given an infinite series, you will be able to analyze the function to determine if the series converges by applying an appropriate convergence test (divergence, comparison, integral, ratio or root).
- You will construct Taylor series for various functions and apply them to numerical approximation problems and definite integrals.
- You will understand the proper usage of mathematical notation in relation to the above topics.

## 2 Communication

### 2.1 With Instructor

Feel free to call me by my first name, Maxie. I can be reached in one of the following ways:

- Email me at `mschmidt34@gatech.edu` (most reliable way to get in contact on the weekdays). I will check messages twice daily Monday through Friday, and try my best to check them once a day on the weekends.
- Send me a message through Canvas.
- Drop in during office hours on Monday & Wednesday between 3PM and 4PM. Extra office hours may be announced during the midterm and final exam weeks (check Canvas for status updates).

### 2.2 With TA

You can reach your TA in one of the following ways.

- If your TA is Biraj (Math 1552 – Section A01):
  - Email Biraj at `bdahal@gatech.edu`.
  - Send Biraj a message through Canvas.
  - Drop in during Biraj’s office hours in the Mathlab (times announced on Canvas).
- If your TA is Mollene (Math 1552 – Section A02):
  - Email Mollene at `mollene@gatech.edu`.
  - Send Mollene a message through Canvas.
  - Drop in during Mollene’s office hours in the Mathlab (times announced on Canvas).

### 2.3 Class announcements

You are responsible to check Canvas announcements regularly. I will be posting announcements at the beginning and end of each week. I will also use Canvas announcements to communicate any other important information.

## 3 Course requirements and grading

Your grade will be determined based on homework, lecture attendance and participation, studio participation, online quizzes, one midterm exam, and a final exam. See the details in the sections below.

### 3.1 Lecture

Lecture attendance will be taken starting the second week of class. Within 24 hours of each lecture, you will be asked to complete a brief reflection on Canvas. This reflection will include a summary of what you learned in lecture and it will contain any questions you have based on the lecture material. A sample reflection and grading rubric will be provided on Canvas. Lectures will be recorded and videos will be posted on Canvas, under Pages/View All Pages.

### 3.2 Studio

Studios will be student-centered and facilitated by the TA. The TA will not be lecturing, and the students will be expected to actively participate in each studio session. The format of studio classes will be as follows.

You will be assigned to work in small groups during each studio session. Each group will work on solving a problem from the weekly assignment problems. It is important that all members of the group are actively involved in solving the problem and each member of the group understands how to solve the problem. Towards the end of the studio session, one person from each group will be randomly selected to present their group's problem to the class. Each student is expected to present approximately 3 times throughout the semester.

### 3.3 Homework & MyMathLab

Homework will be assigned online and will consist of exercise problems on MyMathLab. You are expected to understand all homework problems for the exams and quizzes. In order to increase the effectiveness of studio, you should attempt the problems before the weekly studio sections. Exercises on MyMathLab will be due every Tuesday at 11:59 PM (except during class recesses or as announced in class). Each assignment contains problems that count toward the grade, and extra practice problems to help you prepare for the exams. Late homework will be accepted with a 20% deduction per day. Please note: the final graded homework assignment will be due on Tuesday, July 14.

### Introductions & Survey

The homework assignment during the first week of class will include an introduction post from you on our Canvas course page and your responses to the Start-of-Semester Survey on Canvas.

### MyMathLab (MML)

We will be using MML for homework through a joint code for the Thomas Calculus text and the Lay Linear Algebra text. Our MML course is linked to Canvas. Please login to your Canvas account, then go to the *My Lab and Mastering* tool on the left-hand menu. From the My Lab page, you can login to, or create, your MML account to access our course. You should not need to enter a course ID.

Important notes on MML:

- If you already have an account on MML using this combined textbook within the past 18 months, then you do not need to purchase a new code. Login to your account on MML, select the option to add a new course, and enter our course ID.
- If you already have an MML account that used either the Thomas or the Lay textbook in the past 18 months, but you were unable to add our course using the previous step, please send an email to: mylab.math.gt@gmail.com and include the following information:
  - Your First and Last Name.
  - The email address used to register for MML.
  - Your Login ID for MML.

I will send a list of student names to the Pearson support team regarding your account status and I will request new codes. In the meantime, you can access your course using the *temporary access* option when registering. Please do not pay for a new code until you receive a reply from Pearson.

- If you do not have an MML account using the Thomas or Lay textbooks, or if your account is over 18 months old, you will need to purchase a new code for our course. Please refer to the registration document, located in the *Resources* section on Canvas, to create your new account.
- When signing up for MML, it will be immensely helpful (for grading purposes) if you will set your STUDENT ID to your USERID for the GT system (i.e., your Canvas USERID, as in “gburdell3”, etc).

MML comes with an entire electronic version of the textbook; it is your choice if you would also like to own the textbook in print. You may purchase an MML code either from the bookstore or on-line while registering at <http://www.mymathlab.com>. If you prefer to own a hardcopy of the text, the bookstore offers packages of MML combined with a loose-leaf or hardcover version of the Thomas textbook that is less expensive than purchasing the text and code separately.

**Please note:** GT has a special code package that includes both textbooks. This code can only be purchased through the campus bookstore or directly from Pearson. **Codes purchased by other vendors will not work!** Possible ISBNs for this text are: 9781323835029, 132383768X, or 9781323837689.

### 3.4 Quizzes

There will be five short weekly quizzes during the semester. Quizzes will be administered through Canvas during the first 10 minutes of studio. They will consist of multiple choice and short response questions. The lowest quiz grade will be dropped at the end of the semester. Quizzes will be administered online using Canvas and Honorlock synchronously at the scheduled studio times.

Quiz dates are as follows:

- Quiz 1: Thursday, May 27

- Quiz 2: Thursday, June 10
- Quiz 3: Thursday, July 1
- Quiz 4: Tuesday, July 12
- Quiz 5: Thursday, July 22

### 3.5 Midterm exam

There will be one written synchronized midterm exam on June 24. There will be a synchronous 75-minute exam. Students are expected to solve all of the problems and enter their solutions into Canvas using Honorlock within that timeframe. The format of exams is multiple choice / fill in the blank / and short form justifications of solutions to certain problems. We will go over examples of the format to help students adequately prepare for testing in this format during the review sessions before the exam in lecture. The midterm is administered synchronously at the scheduled course time slot on the scheduled day of the exam.

Make sure that you are familiar with these requirements, how long it will take you to scan your written solutions, and that you make efficient use of your testing time. No exceptions will be made to this policy!

Your grade will be available a week after the exam.

### 3.6 Final exam

The final exam will be one written synchronized midterm exam on Friday, July 30 from 11:20AM to 2:10PM. All student solutions must be uploaded into Canvas within that time window (no exceptions). The final exam is comprehensive. The exam format is the same as the midterm exam. The exam will be proctored synchronously at the scheduled time for the final exam given for this course by the university.

Additional in person review sessions will be held (times TBD closer to the exam) the week before final exam to satisfy the hybrid component of this course. Students that are unable to attend, or who prefer to practice online-only social distancing protocols will be provided with the review materials from these sessions. Per student requests closer to the final, we may accomodate online-only learners by providing extra office hours on BlueJeans (check Canvas for status updates the last weeks of class).

### 3.7 Grading scale

Your class average will be computed as follows:

Lecture participation	5%
Studio attendance	5%
Studio presentations	10%
Homework	10%
Quizzes	20% (lowest raw score dropped)
Midterm exam	20%
Final exam	30%

Letter grades will be determined based on the following intervals. You are guaranteed a minimum of the following scale, however, you should not expect any deviation.

- A: 90% and higher,
- B: [80%, 90%),
- C: [70%, 80%),
- D: [60%, 70%),
- F: [0%, 60%).

### 3.8 Extra credit

Please note that lecture participation and studio attendance account for 20% of the final average. This means that you can earn a significant portion of the grade by just coming to class and completing your homework! Considering this, there will not be any extra credit assignments for this course.

### 3.9 Rubrics

The following items will be graded using a rubric: reflection posts following each lecture class, midterm exam, final exam. Rubrics can be found on the Canvas course page, under Files/Rubrics.

## 4 Class policies

### 4.1 Netiquette

Netiquette is the etiquette of online behavior. In all means of communication in this online course, you will need to follow the same rules of behavior as you would in a face-to-face course when communicating with the other students, teaching assistants, and instructors in the class. This means that you must show respect for others: negative personal comments are strictly prohibited. Please also respect your fellow classmates by turning off your microphone and web cam when appropriate. If it is appropriate to turn on your web cam, be sure that you are wearing appropriate clothing. During class and studio sessions you may ask questions in the chat; however, spamming the chat or posting inappropriate content will result in your displacement from the virtual session.

### 4.2 Attendance

You are expected to come prepared and actively participate in every lecture and studio session. In the event of an absence, you are responsible for all missed materials, assignments, and any additional announcements or schedule changes given in class.

Class disruptions of **any** kind will **not** be tolerated and may result in your removal from the virtual classroom and/or loss of participation points for that day.



### 4.3 Regrade requests

If a problem on your quiz has been graded in error, you must email me within one week after the graded quiz has been returned. A regrade request should only be submitted if you have done something *correctly* on your quiz and it has been marked as incorrect. Problems submitted for regrades could be adjusted up or down, so please make sure to check the solutions before requesting a regrade.

### 4.4 Recordings of class sessions and required permission

Due to Covid-19 concerns and the increased use of distance learning, our class sessions may be audio visually recorded for use by enrolled students. Class recordings, lectures, and other classroom presentations presented through video conferencing and other materials posted on Canvas are for the sole purpose of educating the students enrolled in the course. Students may not record or share recordings, including screen capturing, unless the instructor states so or individual permission is obtained. Exams and tests may require students to engage the video camera, but those recordings will not be shared with or disclosed to others without consent unless legally permitted. Additional information may be found [here](#).

- For classes where participation is voluntary, students who participate with their camera engaged or utilize a profile image are agreeing to have their video or image recorded.
- For classes requiring class participation, if students are identifiable by their names, facial images, voices, and/ or comments, written consent must be obtained before sharing the recording with persons outside of students in the class.

### 4.5 Digital proctoring of graded assessments using Honorlock

This course will use digital proctoring for all quizzes and exams. The restrictions of online learning due to the current pandemic are not conducive to giving quizzes and examinations in Math1552 in the traditional in-person handwritten free-response type format. As instructors and TAs for this course, these restrictions have forced us to work outside of the box, so to speak, to find engaging and fair ways to administer these assignments outside of the classroom to all students simultaneously during the synchronously scheduled lecture and studio section times.

We have thought long, hard and had many detailed discussions about how to handle the graded online assessments completed by students based on the experience we have gathered over the last few terms teaching in this new, non-traditional learning environment. Unfortunately, there is no perfect solution to this issue within the confines of the new online learning environment we are working in this summer. This semester, we will be using the Honorlock platform in conjunction with Canvas to provide and collect the five quizzes, midterm exam and final exam.

The next listings of technology and hardware are required of all students taking this course. Please refer to these important Honorlock technical requirements:

- Students must have a broadband internet connection;
- Students must have a webcam and microphone;

- Students must have a secure private location to take an exam without others in the room;
- Students will be asked to provide a picture ID and take a picture of themselves via a webcam as part of the exam process;
- Honorlock is not compatible with Linux OS, Virtual Machines, tablets, or smartphones. Students that rely on these platforms may consider the option of checking out a loaned device that is compatible with Honorlock from the GA Tech library on campus or from OIT services, though we cannot guarantee the availability of non-tablet Windows OS based computer hardware for everyone that will need it throughout the semester (please check on this early – well in advance of the first scheduled quiz);
- Honorlock requires the installation of Google Chrome and the Honorlock Chrome extension.

If your current situation does not allow for Honorlock proctoring, please contact your instructor as soon as possible to discuss alternate proctoring arrangements. This is especially the case for any students with specialized test taking accommodations approved through the ODS office on campus.

Honorlock will proctor your exams this semester. Honorlock is an online proctoring service that allows you to take your exam from the comfort of your home. You DO NOT need to create an account, download software or schedule an appointment in advance. Honorlock is available 24/7 and all that is needed is a computer, a working webcam, and a stable Internet connection. To get started, you will need Google Chrome and to download the Honorlock Chrome Extension. You can download the extension at [www.honorlock.com/extension/install](http://www.honorlock.com/extension/install).

When you are ready to test, log into Canvas, go to your course, and click on your exam. Clicking "Launch Proctoring" will begin the Honorlock authentication process, where you will take a picture of yourself, show your ID, and complete a scan of your room. Honorlock will be recording your exam session by webcam as well as recording your screen. Honorlock also has an integrity algorithm that can detect search-engine use, so please do not attempt to search for answers, even if it's on a secondary device.

## 4.6 Makeup assessments

Under exceptional or emergency cases, which will be determined by the instructor of the course on a case-by-case basis, we may occasionally approve students to take a make up exam. No make ups will be given for a missed first quiz since we drop the lowest raw score before computing your final average in the course. Any make-ups must be completed before the corresponding assignment has been graded and returned to other students.

In the case of unforeseen events, you must notify the instructor in writing over email within 24 hours of missing the assessment. Please provide appropriate documentation in such cases through the dean of students or another appropriate university faculty that is sufficient to justify excusing the absence. No written doctor's notes nor documentation from Stamps will be accepted by course staff in the event of illness.

If you will miss a test due to a university-sponsored event or athletics, please provide your instructor with the official documentation in advance. If you know that you will miss an assessment based on the tentative class schedule, available in Section 7, you must communicate

with me within the first two weeks of the semester. Make sure that you are familiar with the university policies for notifying us about needing to take your final examination at an alternate time due to an overloaded finals schedule in your other courses (e.g., notification in writing at least two weeks in advance of the last day of instruction is minimally required to arrange things in this situation).

#### **4.7 Students in need of special accommodations**

Georgia Tech complies with the regulations of the Americans with Disabilities Act of 1990 and offers accommodations to students with disabilities. If you are in need of classroom or testing accommodations, please make an appointment with the Office of Disability Services to discuss the appropriate procedures. More information is available on their website, <http://disabilityservices.gatech.edu/>. Please also make an appointment with me to discuss your accommodation, if necessary.

#### **4.8 Academic Dishonesty**

All students are expected to comply with the Georgia Tech Honor Code, which can be found at <http://osi.gatech.edu/content/honor-code>. Any evidence of cheating or other violations of the Georgia Tech Honor Code will be submitted directly to the Dean of Students. Cheating includes, but is not limited to:

- Using an unapproved resources on exams. This includes using notes, textbook references, calculators, and especially surfing the web while taking an exam (midterm or final).
- Copying directly from any source, including friends, classmates, tutors, internet sources (i.e., Wolfram Alpha), or a solutions manual.
- Allowing another person to copy your work.
- Taking a test or quiz in someone else's name, or having someone else take a test or quiz in your name.
- Asking for a regrade of a paper that has been altered from its original form.
- Using someone else's account to gain attendance or homework points for them, or asking someone else to use your account for any graded homework or attendance submission.

### **5 Campus resources**

In your time at Georgia Tech, you may find yourself in need of support. Below you will find some resources to support you both as a student and as a human.

#### **5.1 Academic support**

- Center for Academic Success <http://success.gatech.edu>
  - 1-to-1 tutoring <http://success.gatech.edu/1-1-tutoring>

- Peer-Led Undergraduate Study (PLUS) <http://success.gatech.edu/tutoring/plus>
- Academic coaching <http://success.gatech.edu/coaching>
- OMED: Educational Services <http://omed.gatech.edu/programs/academic-support>
  - Group study sessions and tutoring programs
- Communication Center <http://www.communicationcenter.gatech.edu>
  - Individualized help with writing and multimedia projects.
- Academic advisors for your major <http://advising.gatech.edu/>

## 5.2 Personal support

- The Office of the Dean of Students: <http://studentlife.gatech.edu/content/services;404-894-6367>.
  - You also may request assistance at [https://gatech-advocate.symplicity.com/care\\_report/index.php/pid383662?](https://gatech-advocate.symplicity.com/care_report/index.php/pid383662?)
- Counseling Center: <http://counseling.gatech.edu>; 404-894-2575
  - Services include short-term individual counseling, group counseling, couples counseling, testing and assessment, referral services, and crisis intervention. Their website also includes links to state and national resources.
  - Students in crisis may contact the counselor on call after hours at 404-894-2204.
- Students' Temporary Assistance and Resources (STAR): <http://studentlife.gatech.edu/content/need-help>.
  - Can assist with interview clothing, food, and housing needs.
- Stamps Health Services: <https://health.gatech.edu>; 404-894-1420
  - Primary care, pharmacy, women's health, psychiatry, immunization and allergy, health promotion, and nutrition
- OMED: Educational Services: <http://www.omed.gatech.edu>
- Women's Resource Center: <http://www.womenscenter.gatech.edu>; 404-385-0230
- LGBTQIA Resource Center: <http://lgbtqia.gatech.edu/>; 404-385-2679
- Veteran's Resource Center: <http://veterans.gatech.edu/>; 404-385-2067
- Georgia Tech Police: 404-894-2500

## 6 Important Dates

- 17 May – First day of classes
- 27 May – Quiz 1
- 31 May – Memorial Day (No class)
- 10 June – Quiz 2
- 24 June – Midterm exam
- 01 July – Quiz 3
- 12 July – Quiz 4 (on a Tuesday, NOT Thursday as the others are scheduled)
- 22 July – Quiz 5
- 03 July – Last day to withdraw with a grade of W
- 05 July – School Break for July 4<sup>th</sup> holiday (No class)
- 06 July – School holiday (No class)
- 26-27 July – Final Instructional Days
- 30 July – Math 1552 final exam from 11:20AM-2:10PM
- 30 July - 4 August – Final examinations (Finals week for GA Tech students)

**Note:** See next pages for tentative 12-week class schedule. The schedule contains approximate references to the topics and textbook sections we will cover in lectures and in the studio sections those weeks.

Please note that roughly the last 1/3 to 1/2 of the course covers material that indicates a distinct change in topics from direct integration methods to sequences and infinite series topics. As many students have not seen the latter course material before in prior coursework, please be aware that you may need to invoke more effort later on in the course to maintain adequate preparation for the quiz and exam assessments, e.g., this new material tends to be more challenging for students and it will require your thoughtful time and effort to master these concepts as the semester progresses.

## 7 Tentative course schedule

Please use this as an approximate class schedule; section coverage may change depending on the flow of the course. Review days & topics may be changed or cancelled.

Week	Monday	Tuesday	Wednesday	Thursday	Friday
1	<b>May 17</b> Intro to 1552, online learning tools and review; §4.8 & §5.1 – Re- view (memo-ize formulas), area under the curve;	<b>May 18</b> Intro to studios and derivative review; <b>HW:</b> Introduce yourself, sub- mit syllabus scavenger hunt;	<b>May 19</b> §5.2 & §5.3 – Area under the curve (cont'd) and the definite integral;	<b>May 20</b>  <b>HW:</b> Introduce yourself, survey on Canvas	<b>May 21</b> §5.3 & §5.4 – Definite integrals (cont'd) and the Fundamen- tal Theorem of Calculus;
2	<b>May 24</b> §5.4 & §5.5 – FTC (cont'd) and integration by substitution;	<b>May 25</b>  HW 1 due: §5.1- 5.4	<b>May 26</b>  §5.6 – Area between curves;	<b>May 27</b>  Quiz 1: §4.8, §5.1-5.4	<b>May 28</b>  §8.2 – Integra- tion by parts;
3	<b>May 31</b>  Memorial Day – No class!	<b>June 1</b>  HW 2 due: §5.5- 5.6, §8.2	<b>June 2</b> §8.3 – Integra- tion of products and powers of trig functions;	<b>June 3</b>  §8.2	<b>June 4</b>  §8.4 – Trigon- ometric substitu- tion;
4	<b>June 7</b> §8.4 & §8.5 – Trig subs (cont'd) and partial fractions;	<b>June 8</b>  HW 3 due: §8.3- 8.4	<b>June 9</b> §8.5 & §4.5 – Partial fractions (cont'd) and L'Hopital's rule;	<b>June 10</b>  Quiz 2: §8.3-8.4	<b>June 11</b> §4.5 & §8.8 – L'Hopital's rule (cont'd) and im- proper integrals;
5	<b>June 14</b> §8.8 – Im- proper integrals (cont'd);	<b>June 15</b>  HW 4 due: §8.5, 4.5	<b>June 16</b> Review of in- tegration tech- niques	<b>June 17</b>  Review for midterm	<b>June 18</b>  Review for midterm
6	<b>June 21</b> §10.1 & §10.2 – Sequences and infinite series;	<b>June 22</b>  HW 5 due: §8.8	<b>June 23</b>  §10.2 – Infinite series (cont'd);	<b>June 24</b>  Midterm exam	<b>June 25</b> §10.3 & §10.4 – The integral test and comparison tests;

Week	Monday	Tuesday	Wednesday	Thursday	Friday
7	<b>June 28</b> §10.4 – Comparison tests (cont'd)	<b>June 29</b> HW 6 due: §10.1-10.4	<b>June 30</b> §10.5 – Ratio and root tests;	<b>July 1</b> Quiz 3: §10.1-10.4	<b>July 2</b> §10.6 – Alternating series;
8	<b>July 5</b>  No class – Happy 4 <sup>th</sup> !	<b>July 6</b>  HW 7 due: §10.5-10.6;	<b>July 7</b>  Review convergence of series	<b>July 8</b>  §10.7 – Power series;	<b>July 9</b> §10.7 (cont'd) & §10.8 – Power series and intro to Taylor series;
9	<b>July 12</b>  Quiz 4	<b>July 13</b>  HW 8 due: §10.7	<b>July 14</b> §10.8 & §10.9 – More on Taylor series and Taylor polynomials;	<b>July 15</b>	<b>July 16</b>  §10.8 & §10.9 – Ditto (cont'd)
10	<b>July 19</b> §10.8 & §10.9 Review (cont'd)	<b>July 20</b> HW 9 due: §10.8-10.9	<b>July 21</b> §6.1 – Volumes of revolution (cross section methods);	<b>July 22</b> Quiz 5: §10.8-10.9	<b>July 23</b> §6.2 – Volumes (cylindrical shell methods);
11 –12	<b>July 26</b> Last day of class – Final review	<b>July 27</b>	<b>July 28</b> Reading day	<b>July 29</b>	<b>July 30</b> Final exam from 11:20AM-2:10PM